

5 A WHITE OIL AS PLASTICIZER IN A POLYSTYRENE
COMPOSITION AND PROCESS TO PREPARE SAID OIL

ABSTRACT

10 The invention relates to a polystyrene
composition including a white oil as plasticizer, wherein
the white oil is a Fischer-Tropsch derived oil having a
kinematic viscosity at 100 °C of more than 7 mm²/sec, a
content of mineral hydrocarbons with carbon numbers less
15 than 25 of not more than 5% (w/w), an average molecular
weight not less than 480 g/mol and a 5wt% recovery
boiling point of above 391 °C, and to a process for
preparing such an oil.